

KA Cassidy *et al.* – Supporting Information

WebTable 2. Candidate model set (1–5) for the probability that a gray wolf pack persists through the biological year

Model #	List of variables	# of variables	K	LL	AICc	Δ AICc	w_i
1	NULL	0	3	–302.387	610.80	153.63	0.00
2	packsize	1	4	–258.082	524.22	67.04	0.00
3	pack size + all human-caused mort	2	5	–232.449	474.98	17.80	0.00
4	pack size + leader human-caused mort	2	5	–226.904	463.89	6.71	0.03
5	pack size + all human-caused mort + leader human-caused mort	3	6	–222.534	457.18	0.00	0.97

Notes: K includes variables plus random effects (pack_ID, year) and a constant. LL = log likelihood; AICc = Akaike’s Information Criterion corrected for sample size; Δ AICc = change in AICc; w_i = AICc weight.